

### MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES STATE PUBLIC HEALTH LABORATORY BREATH ALCOHOL PROGRAM

INTOX DMT MAINTENANCE REPORT

# RECEIVED

By Carol Day at 6:04 am, Feb 03, 2015

Crokus

© CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT) Run three tests using a standard. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Mark the box corresponding to the standard being used.  □ 0.10% STANDARD - MUST READ BETWEEN 0.095% AND 0.105% INCLUSIVE □ 0.04% STANDARD - MUST READ BETWEEN 0.036% AND 0.084% INCLUSIVE □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE  TEST 1: 0.079  TEST 2: 0.078  ▼ PERFORM R.F.I. TEST  INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:  REFUSALS: 1  004: 0  0509: 0  1014: 0  1519: 0  OVER .19: 0  UST ANY NEW PARTS AND DESCRIBE ANY ALTERATION OF MODIFICATION THAT WAS MADE TO RESTORE THE INSTRUMENT TO OPERATE SATISFACTORILY AND WITHIN ESTABLISHED LIMITS (USE OTHER SIDE IF NECESSARY)  INSPECTING OFFICER	Complete this rep	ort whenever the instru	ment is serviced or rep	re maintenance check (n aired and whenever it is p n Alcohol Program, DHS	placed into service.		
309 N. Fulton Builder							
Values where determined. Unmarked items must be corrected before using instrument.  ☑ DIAGNOSTIC RECORD  DATE AND TIME 12/15/2014 14:15:03. ☑ DETECTOR  ☑ PROGRAM ☑ FILTER 1  ☑ SAMPLE CHAMBER 48.8°C ☑ FILTER 2  ☑ BREATH TUBE 46.1°C ☑ FILTER 2  ☑ PUMP ☑ INTERNAL STANDARD  □ SIMULATOR STANDARD ☑ COMPRESSED ETHANOL-GAS MIXTURE  ☑ STANDARD SUPPLIER AIRGAS LOT # AG323101 EXP. DATE 08/19/2015  □ SIMULATOR TEMP (34°C ± 0.2°C) ☑ SIMULATOR SIM SIMULATOR EXP DATE  ☑ CALIBRATION CHECK CONLY ONE STANDARD STO BE USED PER MAINTENANCE REPORT)  ☑ CALIBRATION CHECK CONLY ONE STANDARD STO BE USED PER MAINTENANCE REPORT)  ☑ O.00% STANDARD - MUST READ BETWEEN 0.095% AND 0.105% INCLUSIVE  ☑ 0.00% STANDARD - MUST READ BETWEEN 0.095% AND 0.042% INCLUSIVE  ☐ 0.00% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE  ☐ 0.00% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE  ☐ 1.009 ☐ TEST 2: 0.078 ☐ TEST 2: 0.078 ☐ TEST 3: 0.078  ☑ PERFORM R.F.L TEST  INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:  REFUSALS: 1 0.04:0 0.05.09:0 10.44:0 15.19:0 0VER.19:0  INSTRUCTION OFFICIAL STANDARD - MUST READ BETWEEN 0.075% AND 0.042% INCLUSIVE  ☐ 1.004 STANDARD - MUST READ BETWEEN 0.075% AND 0.042% INCLUSIVE  ☐ 1.005 STANDARD - MUST READ BETWEEN 0.075% AND 0.042% INCLUSIVE  ☐ 1.005 STANDARD - MUST READ BETWEEN 0.075% AND 0.042% INCLUSIVE  ☐ 0.04% STANDARD - MUST READ BETWEEN 0.075% AND 0.042% INCLUSIVE  ☐ 0.04% STANDARD - MUST READ BETWEEN 0.075% AND 0.042% INCLUSIVE  ☐ 0.04% STANDARD - MUST READ BETWEEN 0.075% AND 0.042% INCLUSIVE  ☐ 0.04% STANDARD - MUST READ BETWEEN 0.075% AND 0.042% INCLUSIVE  ☐ 0.04% STANDARD - MUST READ BETWEEN 0.075% AND 0.042% INCLUSIVE  ☐ 0.04% STANDARD - MUST READ BETWEEN 0.075% AND 0.042% INCLUSIVE  ☐ 0.045 STANDARD - MUST READ BETWEEN 0.075% AND 0.042% INCLUSIVE  ☐ 0.045 STANDARD - MUST READ BETWEEN 0.075% AND 0.042% INCLUSIVE  ☐ 0.045 STANDARD - MUST READ BETWEEN 0.075% AND 0.042% INCLUSIVE  ☐ 0.045 STANDARD - MUST READ BETWEEN 0.075% AND 0.042% INCLUSIVE  ☐ 0							
DATE AND TIME 12/15/2014 14:15:03 DETECTOR    PROGRAM	CHECKLIST: Pla	ce a mark in the box by rmined). Unmarked ite	each item if found to ms must be corrected	pe satisfactory or is opera before using instrument.	iting within established limit	s. (Write in observed	
© PROGRAM  © FILTER 1  © SAMPLE CHAMBER 48.8°C  © FILTER 2  © BREATH TUBE 46.1°C  © FILTER 3  © PUMP  © INTERNAL STANDARD  BREATH ANALYZER ACCURACY STANDARDS  □ SIMULATOR STANDARD  © SIMULATOR SIMULATOR SIM  SIMULATOR SIMPLISED ETHANOL-GAS MIXTURE  © SIMULATOR SIMPLISED (A1°C ± 0.2°C)  © SIMULATOR SIMPLISED SIMPLISED SIMPLISED PER MAINTENANCE REPORT)  Run three lests using a standard, all three lests must be within ±5% of the standard value and must have a spread of .0.05 of less. Mark the box corresponding to the standard being used.  □ 0.10% STANDARD - MUST READ BETWEEN 0.085% AND 0.105% INCLUSIVE  © 0.08% STANDARD - MUST READ BETWEEN 0.085% AND 0.105% INCLUSIVE  □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE  TEST 1: 0.079  © PERFORM R.F.I. TEST  INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:  REFUSALS: 1 0.04:0 0.0509:0 10.14:0 1519:0 0VER.19:0  UST ANY INCLUSIVE OTHER SIDE IN MECESSANO)  NSPECTING OFFICIAR  **INCLUSIVE OTHER SIDE IN MECESSANO**  **I	☑ DIAGNOSTI	RECORD					
SAMPLE CHAMBER 48.8°C	DATE AND T	IME 12/15/2014 14:	15:03	☑ DETECTOR	₹		
© BREATH TUBE_46.1°C	☑ PROGRA	☑ PROGRAM ☑					
PUMP	☑ SAMPLE	SAMPLE CHAMBER 48.8°C			-		
BREATH ANALYZER ACCURACY STANDARDS  SIMULATOR STANDARD  STANDARD SUPPLIER AIRGAS  LOT # AG323101  EXP. DATE 08/19/2015  SIMULATOR TEMP (34°C ± 0.2°C)  SIMULATOR SN  SIMULATOR EXP DATE  S	☑ BREATH	☑ BREATH TUBE 46.1°C					
SIMULATOR STANDARD  SIMULATOR SUPPLIER AIRGAS  LOT # AG323101  EXP. DATE 08/19/2015  SIMULATOR TEMP (34°C ± 0.2°C)  SIMULATOR SN  SIMULATOR EXP DATE  SIMULATOR EXP D	☑ PUMP	X PUMP			☑ INTERNAL STANDARD		
STANDARD SUPPLIER_AIRGAS  LOT #_AG323101  EXP. DATE08/19/2015  SIMULATOR TEMP (34°C ± 0.2°C)  SIMULATOR SN  SIMULATOR EXP DATE  CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT) Run three tests using a standard. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Mark the box corresponding to the standard being used.  □ 0.10% STANDARD - MUST READ BETWEEN 0.095% AND 0.105% INCLUSIVE  □ 0.04% STANDARD - MUST READ BETWEEN 0.036% AND 0.084% INCLUSIVE  □ 0.04% STANDARD - MUST READ BETWEEN 0.036% AND 0.042% INCLUSIVE  □ 0.04% STANDARD - MUST READ BETWEEN 0.036% AND 0.042% INCLUSIVE  TEST 1: 0.079  TEST 2: 0.078  TEST 3: 0.078  TEST 3: 0.078  ■ PERFORM R.F.I. TEST  INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:  REFUSALS: 1  0.04: 0  0.509: 0  1014: 0  1519: 0  OVER .19: 0  UST ANY NEW PARTS AND DESCRIBE ANY ALTERATION OF MODIFICATION THAT WAS MADE TO RESTORE THE INSTRUMENT TO OPERATE SATISFACTORILY AND WIDTON  SIMULATOR SIMULATION OF MODIFICATION THAT WAS MADE TO RESTORE THE INSTRUMENT TO OPERATE SATISFACTORILY AND WIDTON  NSPECTING OFFICIER  SINATURE  PRINT FULL NAME  R M  RETURN COMPLETED REPORT TO THE Breath Alcohol Program, MIO Department of risalth and Serior Services  Solutionass District Offics	BREATH ANALY	ZER ACCURACY ST.	ANDARDS				
□ SIMULATOR TEMP (34°C ± 0.2°C) SIMULATOR SN SIMULATOR EXP DATE  □ CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT) Run three tests using a standard. All three tests using a standard design of the standard being used. □ 0.10% STANDARD - MUST READ BETWEEN 0.095% AND 0.105% INCLUSIVE □ 0.04% STANDARD - MUST READ BETWEEN 0.095% AND 0.105% INCLUSIVE □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE □ 0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE  TEST 1: 0.079 TEST 2: 0.078 □ PERFORM R.F.I. TEST INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:  REFUSALS: 1 0.04: 0 0.50.99: 0 10.14: 0 15.19: 0 OVER .19: 0  UST ANY NEW PARTS AND DESCRIBE ANY ALTERATION OF MODIFICATION THAT WAS MADE TO RESTORE THE INSTRUMENT TO OPERATE SATISFACTORILY AND WITHIN STANDARD WITHIN SINCE OTHER SIDE IF NECESSARY)  **NSPECTING OHEIGER**  **SINATURE**  **PRINT FULL NAME** R M  **PRINT FULL NAME** R M  **REFUNCE OMPLETED REPORT TO THE STEAM ALCOHOL PROGRAM, MIO DEPARTMENT OF HEALTH AND SERVICES SOLUBLASED STANDARD STRUCES SOLUBLASED STANDARD STANDARD STRUCES SOLUBLASED STANDARD STRUCES STANDARD	☐ SIMULAT	☐ SIMULATOR STANDARD		☑ COMPRES	SED ETHANOL-GAS MIX1	THANOL-GAS MIXTURE	
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of .005 or less. Mark the box corresponding to the standard being used.  0.10% STANDÁRD - MUST READ BETWEEN 0.095% AND 0.105% INCLUSIVE  0.08% STANDARD - MUST READ BETWEEN 0.076% AND 0.084% INCLUSIVE  0.04% STANDARD - MUST READ BETWEEN 0.038% AND 0.042% INCLUSIVE  TEST 1: 0.079  TEST 2: 0.078  TEST 2: 0.078  TEST 3: 0.078  PERFORM R.F.I. TEST  INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:  REFUSALS: 1	☐ SIMULATOR	TEMP (34°C ± 0.2°C)_		SIMULATOR SN	SIMULATOR EXP	DATE	
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INSPECTING OFFICER  INSPECTING OFFICER  SIGNATURE  PRINT FULL NAME R M  PRINT FULL NAME R M  12/12/2100  PRINT FULL NAME R M  12/12/2100  RETURN COMPLETED REPORT TO THE Bream Alcohol Program, Mio Department of Health and Senior Services Southeast District Office	INDICATE THE N	IUMBER OF BREATH	I TESTS IN THE FO	LOWING RANGES SI	NCE THE LAST MAINTEI	NANCE REPORT:	
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PRINT FULL NAME R M  TYPE II PERMIT NUMBER M 12/12/2100   DO0-000-0000  RETURN COMPLETED REPORT TO THE Breath Alcohol Program, MO Department of Health and Senior Services Southeast District Office	LIST ANY NEW PARTS AL	ND DESCRIBE ANY ALTERATIÓN SE OTHER S'DE IF NECESSARY	NOR MODIFICATION THAT WA	S MADE TO RESTORE THE INSTRI	JMENT TO OPERATE SATISFACTOR	LY AND WITHIN	
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Southeast District Office	M		12/12/	2100   000	-000-0000		
	RETURN COMPL	ETED REPORT TO	Southeast Distri 2875 James Blv	et Office d, Poplar Bluff, MO 6390	1		



Airgas USA LLC (LAB) 3500 Bernard Street St. Louis, Mo. 63103 Ph: (314) 533-3100 Fax: (314) 533-7328

# **Certificate of Analysis**

Customer Name Intoximeters, Inc. 2081 Craig Road St. Louis, Mo 63146 Test Date: 5-Dec-2013

Lot # AG333101

Exp. Date 27-Nov-2015

Cyl. Type

Component Ethanol

Nitrogen

Certified Concentration 0.100 ± 2% BrAC (260 ppm)

Balance

#### Certification Traceable to N.I.S.T. RGM Ethanol Standards:

Serial No.	Concentration 391.8 ppm 259.8 ppm 209.0 ppm 103.7 ppm	Serial No.	Concentration
EB0010581		EB0010603	392.5 ppm
EB0010570		EB0010569	258.9 ppm
EB0010285		EB0010595	208.9 ppm
EB0010561		EB0010562	104.9 ppm
.EB0010681	52.22 ppm	EB0010579	52.94 ppm

Analytical Method:

NDIR

Urgitally signed by Quarty Control Dalle: 2013.12.05 10:43:48-06:00 Reason: Dry gas alanderd certification of analysis Location: Airgas USA LLC (Eab)

Analyst:

Rod Marsala

ISO 17025:2005 A2LA accredited. Cartificate Number 2989.01



# STATE OF MISSOURI

DEPARTMENT OF HEALTH AND SENIOR SERVICES BREATH ALCOHOL PROGRAM



# MARK A FROST

is hereby authorized to Instruct and supervise operators, frain Instructors, Inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

## ${f ar CO ext{-}SENSOR}$ IV WITH PRINTER, INTOX DMT

for the determination of the algebraic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 308.111 through 308.119 RSMo.

DATE5/12/2014	Winds		
UAIE JIIZIZOIA	director of state fublic health laboratory		
NUMBER 240228	Dail Vasterly		
EXPIRES 5/12/2016	DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES		
1O 560:0771 (6:10)	(AP.4 (R\$-16)		